

HENRY

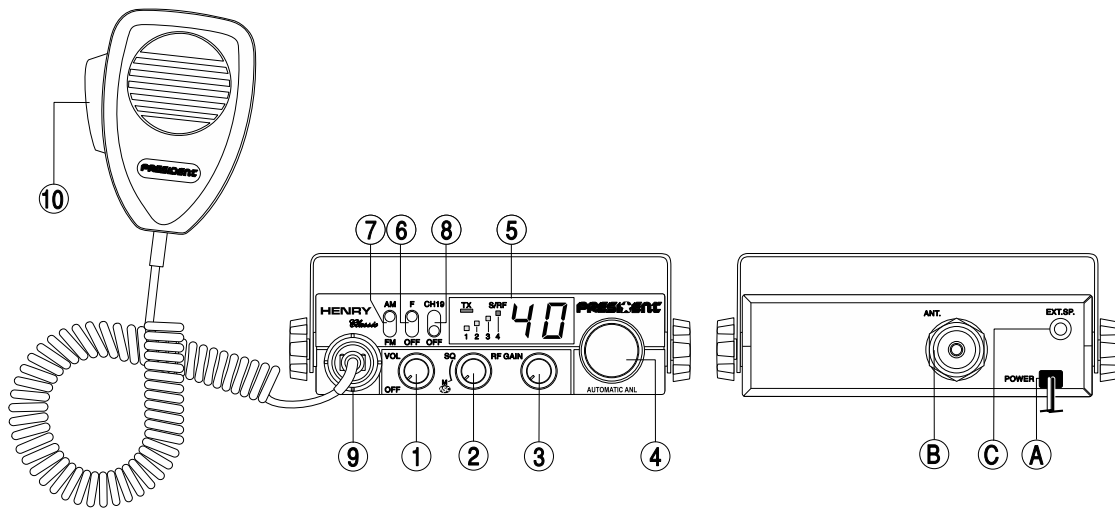
CE0341 !

Classic



Owner's manual

President



Your PRESIDENT HENRY ASC at a glance

SUMMARY

INSTALLATION

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EUROPEAN NORMS

English

WARNING !

*Before using, be careful never to transmit without first having connected the antenna (connection «**B**» situated on the back panel of the equipment) or without having set the SWR (Standing Wave Ratio) ! Failure to do so may result in destruction of the power amplifier, which is not covered by the guarantee.*

MULTI-NORMS TRANSCEIVER!

*See function “**F**” on page 29 and the **Norms - F** table on page 49.*

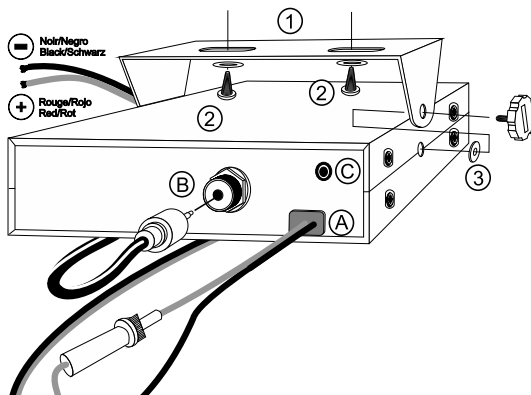
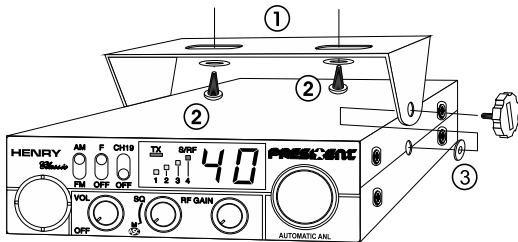
The guarantee of this transceiver is valid only in the country of purchase.

Welcome to the world of the new generation of CB radios. The new PRESIDENT range gives you access to top performance CB equipment. With the use of up-to-date technology, which guarantees unprecedented quality, your PRESIDENT HENRY ASC from the new "Classic" line is a new step in personal communication and is the surest choice for the most demanding of professional CB radio users. To ensure that you make the most of all its capacities, we advise you to read carefully this manual before installing and using your PRESIDENT HENRY ASC.

A) INSTALLATION

1) WHERE AND HOW TO MOUNT YOUR MOBILE CB RADIO

- a) You should choose the most appropriate setting from a simple and practical point of view.
- b) Your CB radio should not interfere with the driver or the passengers.



- c) Remember to provide for the passing and protection of different wires (e.g. power, antenna, accessory cabling) so that they do not in any way interfere with the driving of the vehicle.
- d) To install your equipment, use the cradle (1) and the self-tapping screws (2) provided (drilling diameter 3.2 mm). Take care not to damage the vehicle's electrical system while drilling the dash board.
- e) Do not forget to insert the rubber joints (3) between the CB and its support as these have a shock-absorbing effect which permits gentle orientation and tightening of the set.
- f) Choose where to place the microphone support and remember that the microphone cord must stretch to the driver without interfering with the controls of the vehicle.

MOUNTING
DIAGRAM

- **N.B. :** As the transceiver has a frontal microphone socket, it can be set into the dash board. In this case, you will need to add an external loud speaker to improve the sound quality of communications (connector EXT.SP situated on the back panel: **C**). Ask your dealer for advice on mounting your CB radio.

2) ANTENNA INSTALLATION

a) Choosing your antenna

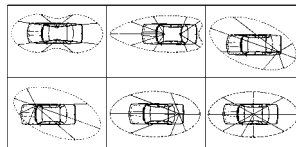
- For CB radios, the longer the antenna, the better its results. Your dealer will be able to help you with your choice of antenna.

b) Mobile antenna

- Must be fixed to the vehicle where there is a maximum of metallic surface (ground plane), away from windscreen mountings.
- If you already have a radio-telephone antenna installed, the CB antenna should be higher than this.
- There are two types of antenna: pre-regulated which should be used on a good ground plane (e.g. car roof or lid of the boot), and adjustable which offer a much larger range and can be used on a smaller ground plane (see § 5, Adjustment of SWR).
- For an antenna which must be fixed by drilling, you will need a good contact between the antenna and the ground plane. To obtain this, you should lightly scratch the surface where the screw and tightening star are to be placed.
- Be careful not to pinch or flatten the coaxial cable (as this runs the risk of break down and/or short-circuiting).
- Connect the antenna (**B**).

c) Fixed antenna

- A fixed antenna should be installed in a clear space as possible. If it is fixed to a mast, it will perhaps be necessary to stay it, according to the laws in force (you should seek professional advice). All PRESIDENT antennas and accessories are designed to give maximum efficiency to each CB radio within the range.



OUTPUT RADIUS PATTERN

3) POWER CONNECTION

Your PRESIDENT HENRY ASC is protected against an inversion of polarities. However, before switching it on, you are advised to check all the connections. Your equipment must be supplied with a continued current of 12 volts (**A**). Today, most cars and lorries are negative earth. You can check this by making sure that the negative terminal of the battery is connected either to the engine block or to the chassis. If this is not the case, you should consult your dealer.

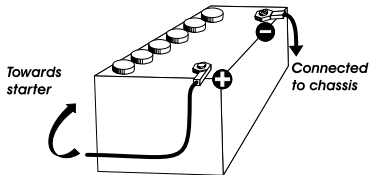
WARNING: Lorries generally have two batteries and an electrical installation of 24 volts, in which case it will be necessary to insert a 24/12 volt converter (type CV 24/12 PRESIDENT) into the electrical circuit. The following connection steps should be carried out with the power cable disconnected from the set.

- Check that the battery is of 12 volts.
- Locate the positive and negative terminals of the battery (+ is red and - is black). Should it be necessary to lengthen the power cable, you should use the same or a superior type of cable.
- It is necessary to connect your CB to a permanent (+) and (-). We advise you to connect the power cable directly to the battery (as the connection of the CB cable to the wiring of the car-radio or other parts of the electrical circuit may, in some cases, increase the likelihood of interference).

- d) Connect the red wire (+) to the positive terminal of the battery and the black (-) wire to the negative terminal of the battery.

- e) Connect the power cable to your CB radio.

WARNING: Never replace the original fuse (2 A) by one of a different value.



4) BASIC OPERATIONS TO BE CARRIED OUT BEFORE USING YOUR SET FOR THE FIRST TIME (without transmitting and without using the «push-to-talk» switch on the microphone)

- Connect the microphone
- Check the antenna connections
- Turn the set on by turning the volume knob **VOL (1)** clockwise.
- Turn the squelch **sq** knob (**2**) to minimum (**M** position).
- Adjust the volume **VOL (1)** to a comfortable level.
- Go to channel 20 by using the channel selector (**4**).

5) ADJUSTMENT OF SWR (Standing wave ratio)

WARNING: This must be carried out when you use your CB radio for the first time (and whenever you re-position your antenna). The adjustment must be carried out in an obstacle-free area.

* Adjustment with external SWR-meter (e.g. TOS-1 PRESIDENT)

- To connect the SWR meter :
 - Connect the SWR meter between the CB radio and the antenna as close as possible to the CB (use a maximum of 40 cm cable, type President CA 2C).
- To adjust the SWR meter:

- Set the CB to channel 20.
- put the switch on the SWR-meter to position FWD (calibration).
- Press the «push-to-talk» switch on the microphone to transmit.
- Bring the index needle to ▼ by using the calibration key.
- Change the switch to position REF (reading of the SWR level). The reading on the Meter should be as near as possible to 1. If this is not the case, re-adjust your antenna to obtain a reading as close as possible to 1. (An SWR reading between 1 and 1.8 is acceptable).
- It will be necessary to re-calibrate the SWR meter after each adjustment of the antenna.

WARNING: In order to avoid any losses and attenuations in cables used for connection between the radio and its accessories, PRESIDENT recommends to use a cable with a length inferior to 3m.

Your CB is now ready for use.

B) HOW TO USE YOUR CB

1) ON/OFF – VOLUME

- To turn the set on, turn the knob **VOL (1)** clockwise.
- To increase the sound level, turn the same knob further clockwise.

2) ASC (Automatic Squelch Control) / SQUELCH

Suppresses undesirable background noises when there is no communication. Squelch does not affect neither sound nor transmission power, but allows a considerable improvement in listening comfort.

a) ASC: AUTOMATIC SQUELCH CONTROL

Worldwide patent, a PRESIDENT exclusivity.

Turn the **SQ** knob (2) anti-clockwise into “**ASC**” position. No repetitive manual adjustment and a permanent improvement between the sensitivity and the listening comfort when **ASC** is active. This function can be disconnected by turning the switch clockwise. In this case the squelch adjustment becomes manual again.

b) **MANUAL SQUELCH**

Turn the **SQ** knob (2) clockwise to the exact point where all background noise disappears. This adjustment should be done with precision as, if set to maximum (fully clockwise), only the strongest signals will be received.

3) **RF GAIN**

This knob is for adjusting sensitivity during reception. For long distance communications **RF GAIN** should be set to maximum. **RF GAIN** can be reduced to avoid distortion, when your correspondent is close by and who does not have the **RF POWER** function.

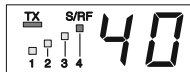
The normal setting of this knob is on maximum (fully clockwise).

4) **CHANNEL SELECTOR ROTARY KNOB**

Turning this knob (4) allows you to choose a channel (1 ~ 80) for transmitting and receiving.

5) **DISPLAY**

The display shows all the different functions. The bargraph shows the level of reception and the level of power emitted. The TX LED lights up when the set goes into transmission mode.



6) **F - FREQUENCY BAND SELECTION**

The frequency bands must be chosen according to the country where you are going to operate. Do not use another configuration. Some countries require user's licence. See table page 50

- a) Radio set switched OFF.
- b) Slide the **F/OFF** (6) switch on **F** position.
- c) Switch ON the radio.
- d) Choose the request configuration with the channel rotary switch (see the chart p. 49).
- e) Slide the **F/OFF** switch on **OFF** position.
- f) And then, for final confirmation of the choice before operating in the configuration, switch OFF then ON the radio set.

7) **MODE**

Use this key to select AM or FM. The modulation mode must correspond with that of the person with whom you communicate.

AM/ Amplitude Modulation is for communications in areas where there are obstacles and over medium distances.

FM/ Frequency Modulation is for nearby communications in flat, open areas. It gives better quality of communication (squelch adjustment needs more finesse).

8) **CH 19**

Channel 19 is automatically selected when you activate this switch (8). To activate this function, move the switch to **CH19** position, and to return to the previous channel move the same switch to **OFF** position. See table page 49 for modulation mode.

9) **6-PIN MICROPHONE PLUG**

This plug is situated on the front panel, thereby making it easier to set the equipment into the dashboard. See the cabling diagram on page 48.

10) PTT (push to talk)

Depress the **PTT (10)** pedal to transmit a message and release to listen to an incoming communication.

TOT (Time Out Timer)

If the **PTT** key (**10**) is pressed for more than 5 minutes, the transmission ends until the **PTT** key (**10**) is released.

A) DC-POWER TERMINAL (13,2 V)

B) ANTENNA CONNECTOR (SO-239)

C) EXTERNAL SPEAKER JACK (8 Ω, Ø 3,5 mm)

C) TECHNICAL CHARACTERISTICS

1) GENERAL

- Channels : 40
- Modulation modes : AM/FM
- Frequency ranges : from 26.965 MHz to 27.405 MHz
- Antenna impedance : 50 ohms
- Power supply : 13.2 V
- Dimensions (in mm) : 115 (L) x 180 (H) x 35 (D)
- Weight : 0,8 kg
- Accessories supplied : Electret microphone with support, mounting cradle, screws.
- Filter : ANL (Automatic Noise Limiter) built-in

2) TRANSMISSION

- Frequency allowance : +/- 300 Hz
- Carrier power : 4 W AM / 4 W FM
- Transmission interference : inferior to 4 nW (- 54 dBm)
- Audio response : 300 Hz to 3 kHz in AM/FM
- Emitted power in the adj. channel : inferior to 20 µW
- Microphone sensitivity : 10 mV
- Drain : 1,7 A (with modulation)
- Modulated signal distortion : 1,8 %

3) RECEPTION

- Maxi. sensitivity at 20 dB sinad : 0.5 µV - 113 dBm (AM/FM)
- Frequency response : 300 Hz to 3 kHz in AM/FM
- Adjacent channel selectivity : 60 dB
- Maximum audio power : 5 W
- Squelch sensitivity : minimum 0.2 µV - 120 dBm
maximum 1 mV - 47 dBm
- Frequency image rejection rate : 60 dB
- Intermediate frequency rej. rate : 70 dB
- Drain : 500 mA nominal / 800 mA maximum

D) TROUBLE SHOOTING

1) YOUR CB RADIO WILL NOT TRANSMIT OR YOUR TRANSMISSION IS OF POOR QUALITY

- Check that the antenna is correctly connected and that the SWR is properly adjusted.
- Check that the microphone is properly plugged in.
- Check that the programmed configuration is the correct one (see table page 49).

2) YOUR CB RADIO WILL NOT RECEIVE OR RECEPTION IS POOR

- Check that the squelch level is properly adjusted.
- Check that the volume is set to a comfortable listening level.
- Check that the programmed configuration is the correct one (see table page 49).
- Check that the microphone is properly plugged in.
- Check that the antenna is correctly connected and that the SWR is properly adjusted.
- Check that you are using the same modulation mode as your correspondent.

3) YOUR CB WILL NOT LIGHT UP

- Check the power supply.
- Check the connection wiring.
- Check the fuse.

E) HOW TO TRANSMIT OR RECEIVE A MESSAGE

Now that you have read the manual, make sure that your CB Radio is ready for use (i.e. check that your antenna is connected).

Choose your channel (19, 27).

Choose your mode (AM/FM) which must be the same as that of your correspondent. Press the «push-to-talk» switch and announce your message «Attention stations, transmission testing» which will allow you to check the clearness and the power of your signal. Release the switch and wait for a reply. You should receive a reply like, «Strong and clear».

If you use a calling channel (19, 27) and you have established communication with someone, it is common practice to choose another available channel so as not to block the calling channel.

F) GLOSSARY

Below you will find some of the most frequently used CB radio expressions. Remember this is meant for fun and that you are by no means obliged to use them. In an emergency, you should be as clear as possible.

INTERNATIONAL PHONETIC ALPHABET

A Alpha	H Hotel	O Oscar	V Victor
B Bravo	I India	P Papa	W Whiskey
C Charlie	J Juliett	Q Quebec	X X-ray
D Delta	K Kilo	R Romeo	Y Yankee
E Echo	L Lima	S Sierra	Z Zulu
F Foxtrott	M Mike	T Tango	
G Golf	N November	U Uniform	

TECHNICAL VOCABULARY

AM	: Amplitude Modulation
CB	: Citizen's Band
CH	: Channel
CW	: Continuous Wave
DX	: Long Distance Liaison
DW	: Dual Watch
FM	: Frequency Modulation
GMT	: Greenwich Meantime
HF	: High Frequency
LF	: Low Frequency
LSB	: Lower Side Band
RX	: Receiver
SSB	: Single Side Band
SWR	: Standing Wave Ratio

SWL : Short Wave Listening
 SW : Short Wave
 TX : CB Transceiver
 UHF : Ultra High Frequency
 USB : Upper Side Band
 VHF : Very High Frequency

CB LANGUAGE

Advertising : Flashing lights of police car
 Back off : Slow down
 Basement : Channel 1
 Base station : A CB set in fixed location
 Bear : Policeman
 Bear bite : Speeding fine
 Bear cage : Police station
 Big slab : Motorway
 Big 10-4 : Absolutely
 Bleeding : Signal from an adjacent channel interfering with the transmission
 Blocking the channel : Pressing the PTT switch without talking
 Blue boys : Police
 Break : Used to ask permission to join a conversation
 Breaker : A CBer wishing to join a channel
 Clean and green : Clear of police
 Cleaner channel : Channel with less interference
 Coming in loud and proud : Good reception
 Doughnut : Tyre
 Down and gone : Turning CB off
 Down one : Go to a lower channel
 Do you copy? : Understand?

DX : Long distance
 Eighty eights : Love and kisses
 Eye ball : CBers meeting together
 Good buddy : Fellow CBer
 Hammer : Accelerator
 Handle : CBer's nickname
 Harvey wall banger : Dangerous driver
 How am I hitting you? : How are you receiving me?
 Keying the mike : Pressing the PTT switch without talking
 Kojac with a kodak : Police radar
 Land line : Telephone
 Lunch box : CB set
 Man with a gun : Police radar
 Mayday : SOS
 Meat wagon : Ambulance
 Midnight shopper : Thief
 Modulation : Conversation
 Negative copy : No reply
 Over your shoulder : Right behind you
 Part your hair : Behave yourself - police ahead
 Pull your hammer back : Slow down
 Rat race : Congested traffic
 Rubberbander : New CBer
 Sail boat fuel : Wind
 Smokey dozing : Parked police car
 Smokey with a camera : Police radar
 Spaghetti bowl : Interchange
 Stinger : Antenna
 Turkey : Dumb CBer
 Up one : Go up one channel
 Wall to wall : All over/everywhere
 What am I putting to you? : Please givet me an S-meter reading

CERTIFICATE OF CONFORMITY

We, GROUPE PRESIDENT ELECTRONICS, Route de Sète, BP 100 – 34540 Balaruc – FRANCE, declare, on our own responsibility that the CB radio-communication transceiver

Brand : PRESIDENT
Model : HENRY ASC
Made in Vietnam

is in conformity with the essential requirements of the Directive 1999/5/CE (Article 3) adapted to the national law, as well as with the following European Standards:

EN 300 433-1 V1.3.1 (2011-07)
EN 300 433-2 V1.3.1 (2011-07)
EN 301 489-1 V1.9.2 (2011-09)
EN 301 489-13 V1.2.1 (2002-08)
EN 60215 (1996)

and is in conformity with Directive RoHS2: 2011/65/EU (2011/06/08).

Balaruc, the 2014-01-30



Jean-Gilbert MULLER
General Manager

GENERAL WARRANTY CONDITIONS

This device is guaranteed **2 years** parts and labour in its country of purchase against any manufacturing defects validated by our technical department. *The After-sales Service of PRESIDENT reserves the right not to apply the warranty if a breakdown is caused by an antenna other than those distributed by PRESIDENT, and if said antenna is at the origin of the breakdown. An extension of **3 years** warranty is proposed systematically for the purchase and use of a PRESIDENT antenna, bringing the total duration of the warranty to **5 years**. In order to be valid, the warranty certificate must be returned within a period of 30 days after the purchase date to the After-sales Service of the company Groupe President Electronics, or any foreign subsidiary.

It is recommended to carefully read the following conditions and to respect them under penalty of losing their benefit.

- To be valid the warranty certificate must be returned to us at the latest 1 month after the purchase.
 - Please duly complete the warranty certificate on the right hand side of the page, detach it (portion to be removed marked by dotted line) and send it back.
 - Any repair under warranty will be free and the return delivery costs will be borne by our company.
 - A purchase proof must be necessarily included with the device to be repaired.
 - The dates listed on the warranty certificate and proof of purchase must match.
 - Do not proceed with the installation of the device without reading the user manual.
 - No spare part will be sent nor exchanged by our services under warranty.
- The warranty is only valid in the country of purchase.

Exclusions (are not covered):

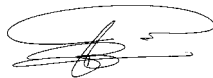
- Damages caused by accident, shock or inadequate packaging.
- Power transistors, microphones, lights, fuses and the non respect of the installation and use of specifications (including but not limited to antenna used with too high power, final output power transistors (SWR), inversion of polarities, bad connections, overvoltage,...)
- The warranty cannot be extended due to the non-availability of the device while it is being serviced at our technical services location, nor by a change of one or more components or spare parts.
- Transceivers which have been modified. The warranty application is excluded in case of modification or poor maintenance done by a third party not approved by our company.

If you note malfunctions:

- Check the power supply of your device and the quality of the fuse.
- Check that the antenna, the microphone.... are correctly connected.
- Check that the squelch level is properly adjusted; the programmed configuration is the correct one...
- In case the device is not under warranty, the repair and return of the device will be charged.

- All related documents must be preserved even after the end of the warranty period and if you resell your device, given to the new owner for the After-sales follow-up.
- In case of real malfunction, please contact your dealer first; they will decide action to be taken.
- In case of an intervention not covered by the warranty, an estimate will be established before any repair.

Thank you for your trust in the PRESIDENT quality and experience. We recommend that you read this manual carefully so that you are completely satisfied with your purchase. Do not forget to return the detachable warranty certificate on the right hand side of this page; it is very important for the identification of your device during a possible rendering of our services.



Technical Manager
and
Quality Manager



Date of purchase :

Type : CB radio HENRY ASC

Serial Number :

NOT COVERED BY THE WARRANTY WITHOUT THE DEALER STAMP



SIEGE SOCIAL/HEAD OFFICE - FRANCE - Route de Sète - BP 100 - 34540 BALARUC

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